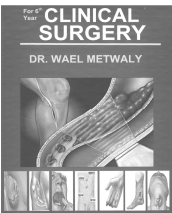
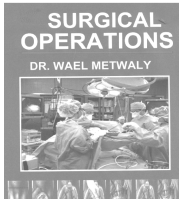

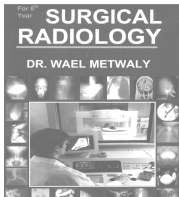


# REVISION 4

## VENOUS & LYMPHATICS

## SKIN & S.C. TISSUE

BY DR. WAEL METWALY

<p>★ <b>Clinical</b></p>  <ul style="list-style-type: none"> <li>- Varicose vein</li> <li>- Venous ulcer</li> <li>- Lymphodema</li> <li>- Lymphadenopathy</li> <li>- Lipoma</li> <li>- Dermoid cyst</li> <li>- Rodent ulcer</li> </ul>	<p>★ <b>Operative</b></p>  <ul style="list-style-type: none"> <li>- Operations for varicose vein</li> <li>- Management of cold abscess</li> </ul>
<p>★ <b>Jars</b></p>  <ul style="list-style-type: none"> <li>- Squamous cell carcinoma of the hand</li> </ul>	<p>★ <b>X-rays</b></p>  <ul style="list-style-type: none"> <li>- .....</li> </ul>

# EXAMS

- A. Anatomy
- B. Written Questions
- C. Cases

## A. ANATOMY

2003	➤ Describe anatomy of long Saphenous vein	(12 Marks) <i>دور ثانی</i>
2009	➤ Describe anatomy of Carpal tunnel	(5 Marks)

## B. WRITTEN QUESTIONS

### Venous Disorders

2001

- Mention pathology, C/P of (D.V.T.)

(10 Marks)

2002

- Discuss **Deep Venous Thrombosis (D.V.T.)**

(20 Marks) دور ثانی

2003

- Mention Aetiology & diagnosis of (D.V.T.)  
➤ Discuss C/P & DD of **Varicose ulcer**

(12 Marks) دور ثانی

(12 Marks) دور ثانی

2004

- A 25 years old female who had recent delivery presented with pain & swelling of the left lower limb. Her vital signs were normal. **What is the management.**

(20 Marks)

2006

- A 25 years old female who had recent delivery presented with pain & swelling of the left lower limb. Her vital signs were normal. **What is the management.**

(20 Marks)

2007

- Discuss factors, C/P , complications & investigations of (D.V.T)

(20 Marks)

2008

- Discuss DD of **Leg ulcers**

(5 Marks) دور ثانی

2009

- Male patient has history of pain in leg extend from knee to below , the calf muscle is firm & tender. No history of trauma.

**What is the management.**

(20 Marks) دور ثانی

### Lymphatic Disorders

2000

- Discuss Aetiology & path. of **Chronic lymphatic obstruction**

(15 Marks) دور ثانی

2001

- Discuss C/P & Treatment of **T.B. Lymphadenitis**

(10 Marks)

2003

- Enumerate the causes of **Lymphodema**

(9 Marks) دور ثانی

2006

- Discuss Pathology of **T.B. Lymphadenitis**

(10 Marks) دور ثانی

## Skin & S.C. Tissue

**2000**

- Discuss Aetiology & pathology of **Rodent ulcer**

**(10 Marks)****2001**

- Discuss C/P & Treatment of **Squamous cell carcinoma**.

**(10 Marks)** دور ثانی**2002**

- Discuss Aetiology & pathology of **Rodent ulcer**

**(12 Marks)****2003**

- Discuss DD of **Ulcers of the face**

**(10 Marks)****2004**

- Discuss C/P, investigations & ttt of **Carpal Tunnel Syndrome**

**(12 Marks)****2005**

- Discuss **Basal Cell Carcinoma**

**(10 Marks)****2006**

- What is the Treatment of a **Capillary Haemangioma ( Strawberry )** in an infant one year old

**(10 Marks)** دور ثانی**2007**

- Discuss **Basal cell carcinoma** of the face
- Discuss DD of **Ulcers of the face**
- Discuss complications of **Sebaceous Cyst**

**(10 Marks)** دور ثانی**(5 Marks)****(5 Marks)****2008**

- Enumerate different types of **Lipoma**

**(5 Marks)** دور ثانی

# CARPAL TUNNEL SYNDROME

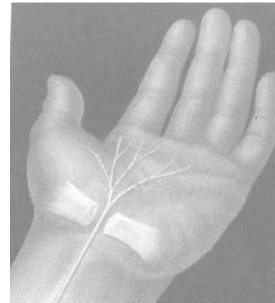
## ★ SURGICAL ANATOMY

**Carpal Tunnel** is formed by the Flexor Retinaculum over the carpal bones, it transmits the long flexor tendons & the median nerve, **but** the palmar cutaneous branch of median nerve passes on the Flexor Retinaculum, **so** it is spared in this syndrome.

## ★ CAUSES

- Rheumatic Arthritis.
- Myxoedema, Pregnancy  
(due to increase tissue fluid deep to Flexor Retinaculum )
- Colle's fracture

- ## ★ PATHOLOGY
- Manifestations are due to compression of blood supply of median nerve  
→ **Ischaemic neuritis**.



## ★ CLINICAL PICTURE

- **Type of patient:** Middle aged female.
- **SYMPTOMS:**
  - **Pain** : In the distribution of the median nerve in the hand, relieved by hanging the hand over the edge of the bed.
  - **Wasting** of Thenar muscles
  - **Anaesthesia** over the lateral 3 ½ fingers.
- **SIGNS:**
  - Slight tenderness over the carpal tunnel by percussion.
  - Increase pain if fingers & wrist are held fully flexed for few minutes

## ★ INVESTIGATIONS

**Nerve conduction study** on median nerve shows delay at the carpal tunnel

## ★ TREATMENT

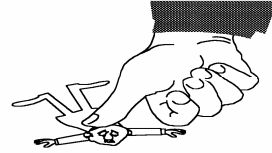
- **Mild** → Anti-inflammatory + Corticosteroids.
- **Severe** → Surgical spiting of the Flexor Retinaculum..

### III- ULCERS OF THE FACE

#### Classification:

<i>Ulcerating Infective Lesions</i>		<i>Ulcerating Tumors</i>
<i>A. Non-Specific</i>	<i>B. Specific</i>	
<ol style="list-style-type: none"> <li>1. Chronic Non-specific ulcer.</li> <li>2. Infected Sebaceous cyst.</li> <li>3. Molluscum Sebaceum.</li> </ol>	<ol style="list-style-type: none"> <li>1. Tuberculosis (TB).</li> <li>2. Syphilis (S).</li> <li>3. Leishmaniasis.</li> <li>4. Leprosy.</li> <li>5. Actinomycosis.</li> <li>6. Anthrax.</li> </ol>	<ol style="list-style-type: none"> <li>1. Rodent Ulcer (BCC).</li> <li>2. Epithelioma (SCC).</li> <li>3. Malignant Melanoma.</li> <li>4. Metastatic Mass Ulceration</li> <li>5. Infiltrating deeply-seated tumor which invades the skin &amp; ulcerates.</li> </ol>

## C. CASES



### Case [34] (D.V.T)

A 25-years-old female patient who had recent delivery presented with pain & swelling of the lt. lower limb. Her vital signs were normal. Examination of the affected limb reveled generalized swelling & tenderness extending to the thigh.

(2004 – دور أول – Kasr)

(2006 – دور أول – Kasr)

- What is the management

### Case [35] (D.V.T)

A 60-year-old male presented to hospital with a history of prolonged high fever. He was hospitalized for 3 weeks. He is complaining of pain & swelling of the Rt. Lower limb On examination he had stable vital signs, regular pulse, swollen leg, tender calf muscle & both dorsalis pedis & posterior tibial pulses were normally felt.

(2006 – دور أول – 6 Oct.)

- What is your provisional diagnosis .
- What is investigations would you order
- What is the management

### Case [36] (D.V.T)

Male patient has history of pain in leg extend from knee to below , the calf muscle is firm & tender. No history of trauma.

(2009 – دور ثانی – Kasr)

- What is the management

بسم الله  
GOOD LUCK

**Dr. WAEL**